Index of Claims

Application No.	Applicant(s)	
09/990,819	AUGUSTIN ET AL.	
Examiner	Art Unit	
Hung S Bui	2841	

√	Rejected
=	Allowed

-	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

Claim     Date       Image: Section of the content of the co	$\neg$				Date					oim	Cla					)at				г	-	CI
1   1   1   1   5   1   5   5   1   5   6   6   6   6   6   6   6   6   6   6   6	$\dashv$			_		_	_	$\overline{}$	╁─	2011	اب	$\dashv$	Т	Т	<u> </u>	Jak	<del></del>	r -			1011	
2   2   =   3   3   =   53   53   54   55   56   66   =   55   56   55   56   57   88   8   =   59   59   57   88   88   99   9   =   59   99					i						Final									5/4/04	Original	Final
3   3   =   1   53   54   54   55   55   56   66   67   77   =   56   67   77   =   56   57   58   59   59   59   59   59   60   60   61   61   61   61   61   61   61   62   63   63   63   63   63   63   63   64   64   64   64   64   66   66   66   66   67   67   68   68   69   69   69   69   69   69   69   70   71   72   73   74   74   74   74   74   74   74   74   74   74   75   76   76   77   78   79   30   80   81   82   33   83   84   84   84   85   85   86   86   87   79   88   88   88   88   88   88   88   88   88   88   88   88   88   88   88 <td>Ш</td> <td></td> <td>_</td> <td>L _</td> <td></td> <td></td> <td></td> <td></td> <td>=  </td> <td>1</td> <td>1</td>	Ш													_	L _					=	1	1
3   3   =   1   53   54   54   55   55   56   66   67   77   =   56   57   56   57   58   58   59   59   59   59   59   60   60   61   61   61   61   61   61   61   62   63   63   63   63   63   63   63   64   64   64   64   64   66   66   66   67   67   67   68   68   69   69   69   69   69   69   69   70   71   72   73   74   74   74   74   74   74   74   74   74   75   76   77   78   79   30   31   32   82   33   83   83   84   84   84   85   85   86   86   87   79   88   88   88   88   88   88   88   88   88   88   88   88   88   88   88   88   88 </td <td>П</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>52</td> <td></td> <td></td> <td>Г</td> <td>Г</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>=</td> <td>2</td> <td>2</td>	П									52			Г	Г						=	2	2
4   4   =   5   5   =   55   55   55   56   57   7   7   =   57   58   59   9   9   =   59   59   59   59   59   60   60   60   60   60   60   61   61   62   63   63   63   63   63   63   64   64   64   64   64   64   65   66   66   66   66   66   67   68   69   69   69   69   69   69   69   69   69   69   60	П							Г					$\Box$	Г						=		
5     5     =     55     56     57     58     58     59     59     10     10     =     60     60     61     61     61     62     63     63     64     64     65     66     67     68     68     69     69     70     71     72     73     74     72     73     74     75     78     79     30     80     83     33     84     84     35     86     83     84     84     35     86	$\Box$					Г		T	<u> </u>			П	Г							=		
6   6   =     7   7   =     8   8   =     9   9   =     10   10   =     11   11   =     12   12   =     13   13   =     14   14   =     15   66   66     17   67   68     19   68   69     20   70   71     21   72   72     23   73   74     25   76   77     28   79   79     30   80   81     31   81   82     33   34   84     35   86   86     37   88   86     39   89   89	T					Г	_	Т				Н	┢	$\vdash$	H	$\vdash$	$\vdash$			=		
7   7   =     8   8   =     9   9   =     10   10   =     11   11   =     12   12   =     13   13   =     14   14   =     15   63   =     16   66   67     18   68   69     20   70   =     21   71   =     22   73   =     23   73   =     24   74   =     25   76   =     27   77   =     28   79   80     31   81   81     32   82   83     33   83   84     35   86   86     37   87   88     38   88   88     39   89   89	+	_			$\vdash$	_	H	H	H			$\vdash$	┢	$\vdash$	┢	-	H	$\vdash$		-		
8   8   =   58   59     10   10   =   60   61     11   11   =   62   61     12   12   =   62   63     13   13   =   63   64     15   66   66   66   67     16   66   67   68   69     20   70   70   71   72   73     21   71   72   73   74   74   74   74   74   75   76   77   78   78   79 <t< td=""><td>H</td><td>П</td><td></td><td>_</td><td>_</td><td>⊢</td><td><math>\vdash</math></td><td><math>\vdash</math></td><td><math>t^-</math></td><td></td><td></td><td><math>\dashv</math></td><td>一</td><td>┢</td><td>-</td><td>-</td><td>H</td><td></td><td></td><td></td><td></td><td></td></t<>	H	П		_	_	⊢	$\vdash$	$\vdash$	$t^-$			$\dashv$	一	┢	-	-	H					
9     9     =     59     60       11     11     =     60     61     62     63     63     63     63     63     63     63     64     64     64     64     64     64     64     65     66     66     66     66     66     67     67     67     68     68     69	H			-	_	H	-	╁╴	╁╌			Н	╁	╁一	┢─	$\vdash$	$\vdash$			-		
10   10   =     11   11   =     12   12   =     13   13   =     14   14   =     15   66     16   65     17   67     18   68     19   69     20   70     21   71     22   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   84     35   85     36   86     37   87     38   88     39   89	${f H}$		-		-	$\vdash$	$\vdash$	┢╌	<del>                                     </del>			Н	$\vdash$	┼	┢	$\vdash$	$\vdash$	├─	_	-		_
11   11   =   61   62   62   63   63   63   63   63   64   65   65   66   65   66   66   66   66   66   67   68   68   69   69   69   69   69   69   70   71   71   72   72   72   73   74   74   74   74   74   74   74   74   75   75   76   77   78   79   78   79	┼┤	-	-	_	_	⊢	-	╁╌	一		_	H	┢	$\vdash$	⊢	$\vdash$	├	⊢		$\vdash$		
12   12   =   62   63   63   64   64   65   66   65   66   66   66   67   67   67   68   69   69   69   69   69   69   69   70   70   71   71   71   72   72   73   73   74   74   74   74   74   74   74   77   77   77   77   78   79   78   79	╁	Н	-	_		$\vdash$		$\vdash$	├-			$\vdash$	⊢	╁	-	$\vdash$	<del> </del>	-		-		
13   13   =   63   64     14   14   =   65   65     16   66   67   68     17   68   69   70     21   71   71   71     22   73   74   72     23   74   74   74     25   76   77   78     29   79   80   80     31   80   81   82     33   84   84   83     34   84   85   86     37   88   88   88     39   89   89	${m H}$	-	_	-	$\vdash$	$\vdash$	-	├	├	62		Н	├	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-		-		
14   14   =   64   65   66   66   66   66   66   67   68   68   69   70   60   71   71   72   72   73   74   74   74   74   74   74   74   74   74   74   74   77   77   78   78   79	┼╌┤	$\vdash$		_	_	$\vdash$	-	├	╁			Н	-	⊢		$\vdash$	-	-		-		
15   65     16   66     17   68     19   68     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   86     37   86     37   87     38   88     39   89	┼┤	$\vdash$			-	-	┝	$\vdash$	├		-	-	<del>                                     </del>	⊢	_		_	⊢				
16   17     18   66     19   68     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   84     35   85     36   86     37   88     39   89	+					-	_	⊢	┢			$\vdash$	┢	⊢	⊢	-		-		=		14
17   18     19   68     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   88     38   88     39   89	+			_	_	_	-	<b>-</b>	├			Н	├	├-	├	┞		_				
18   68     19   70     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	$\vdash$	$\vdash$		_	_	$\vdash$		<u> </u>				Ш	L	⊢	<u> </u>	<u> </u>		_				
19   69     20   70     21   71     22   72     23   74     25   75     26   76     27   77     28   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	$\vdash$	_			<u> </u>	_		⊢	ļ				<u> </u>	▙	<u> </u>	_		_		Ш		
20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	+	<b>_</b>			_		_	<u> </u>	ļ			Ш	<u> </u>	<u> </u>	L	<u> </u>						
21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	$\sqcup$						_	L	L				<u> </u>	╙	L	<u> </u>	<u> </u>	$oxed{oxed}$		Ш		
22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	Щ			_				L	_			Ш	ļ	丄	L							
23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	Ш								L			Ш	<u> </u>	辶	L							
24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	Ш						L		L			Ш	L	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	L	L						
25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	$\perp$						<u> </u>	<u> </u>	乚	73				<u>_</u>								
26   76     27   77     28   78     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	Ш							<u>L</u>	L					<u>L.</u>								
27   28   77     29   79     30   80     31   81     32   82     33   83     34   84     35   85     36   86     37   87     38   88     39   89	$oxed{oxed}$																				25	
28 78   29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89														L								
29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89										77											27	
29 79   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89										78						Г					28	
30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89	П								Γ	79						Г						
31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89	П				_		Г	Г	Г	80												
32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89	$\Box$						Г	Г	Г			$\Box$	T	Г						П		
33 83   34 84   35 85   36 86   37 87   38 88   39 89	$\Box$	П											П	Г		_						
34 84   35 85   36 86   37 87   38 88   39 89	П		_		_		$\vdash$	1	$\vdash$				T	T						П		
35	Ħ	_	$\neg$				-	┢				П	┢	┢					П	Н		
36 86 87 87 88 88 88 89 89 89	$\Box$		$\neg$			_	$\vdash$	Т	Т	85			┢	┢	$\vdash$	<del> </del>				Н	35	$\vdash$
37 87 88 88 88 89 89 89	$\vdash$	$\Box$			_	$\overline{}$	$\vdash$	$\vdash$	┢┈	86		-	H	$\vdash$	-	-	Н		Н	$\vdash$		
38 88 89 89 89 89 89 89 89 89 89 89 89 89	${}^{\dag}$	П				$\vdash$	$\vdash$					Н	Н	$\vdash$	<del>                                     </del>	┢	$\vdash$	Η-	H	$\vdash$		$\vdash$
39 89 89	$\forall$	$\vdash$			-	-	$\vdash$	T	<b>†</b>			$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	Н	Н		
	$\vdash$	$\vdash$	$\neg$		-	-	$\vdash$	$\vdash$	$\vdash$			Н	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$		$\vdash$	$\vdash$		
40 90	╁┤	Н	$\dashv$			-	$\vdash$	$\vdash$	$\vdash$	90		$\dashv$	$\vdash$	╁	$\vdash$	-	$\vdash$	-	$\vdash$	$\vdash$		$\vdash$
41 91 91	$\vdash$	$\vdash$	-	-		-	$\vdash$	-	$\vdash$	01		$\dashv$	$\vdash$	$\vdash$		-	$\vdash$		$\vdash$	$\vdash$		<del></del>
41 92 92	$\vdash$	$\vdash$	$\dashv$		_	<u> </u>	$\vdash$	-		91		$\dashv$	$\vdash$	⊢	├	$\vdash$	-	-	Н	$\vdash$		<u></u>
42 92 93	┼┤	$\vdash$		-		_	$\vdash$		-	02		$\dashv$	$\vdash$	⊢	├-		$\vdash$	-		$\vdash$	42	
43 94 94	$\vdash$	$\vdash$	-			-	<del> </del>			93		$\dashv$	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	-	$\vdash$		43	
	+	$\vdash$	$\dashv$				$\vdash$	$\vdash$	├			$\dashv$	$\vdash$	$\vdash$	$\vdash$	<u> </u>	Н	_	$\vdash$	$\vdash$		
45 95 96 96 96 96 96 96 96 96 96 96 96 96 96	+	$\vdash$	-			_	H	$\vdash$	$\vdash$	95		$\dashv$	-	H	-		$\vdash$	_		$\vdash$	40	
	$\dashv$	Н	-				$\vdash$	$\vdash$	$\vdash$			$\dashv$	$\vdash$	$\vdash$	$\vdash$	Ι—	<u> </u>	_	Щ	Н		ļ
47 97	╁╌┤	$\vdash$	$\dashv$	_	_		Н	H	-	9/		4	H	$\vdash$	<u> </u>	<u> </u>				-		<u> </u>
48 98	$\vdash$	$\vdash\vdash$	$\dashv$				$\vdash$	<del> </del>	⊢	90		$\dashv$	-	⊢	⊢	$\vdash$				Н	48	<u></u>
49 99 100 100 100 100 100 100 100 100 100	+	Н	-	_		<u> </u>	<u> </u>	-	<del> </del>	100		$\dashv$	$\vdash$	├—	├	<u> </u>	$\vdash$			$\vdash\vdash$	49	<u> </u>
50 100 100	لـــــ	ш								100		لـــا	ட	Щ	L	L	<u> </u>			Ш	50	

Cla	aim		_			Date	е	_		
	1									
Final	Original									
	51 52 53			H				H	$\vdash$	$\vdash$
	52									П
	53		T	Τ				_	$\vdash$	$\vdash$
	54	-	$\vdash$	$\vdash$	$\vdash$	┪	<u> </u>	┢┈		$\vdash$
	55		T	$\vdash$	H	$\vdash$	$\vdash$	$\vdash$	<u> </u>	<del>                                     </del>
	56			Г	$\vdash$			Г	_	_
	57		Т	$\vdash$	$\vdash$	<u> </u>	T			$\vdash$
	58		T			Т		ļ —		
	59									
	60		Γ							Г
	61									
	61 62									
	63									
	64 65									
	65									
	66									
	67						<u> </u>			
	68		<u> </u>							
	69		匚							$oxed{oxed}$
	70						_	<u> </u>		
	71		_	L			_	<u> </u>		
	72		<u> </u>	L				L	L	<u> </u>
	72 73 74		<u> </u>	<u> </u>			L	<u> </u>	Ļ	<u> </u>
	74	L	L	<u> </u>	<u></u>		╙	<u> </u>	<u> </u>	<u> </u>
<u> </u>	75 76		_	L	<u> </u>		L	_	_	_
	76	_	_	<u> </u>	┡	┡	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	77	<u> </u>	_	⊢	<u> </u>		<u> </u>	├	$\vdash$	H
<u> </u>	78 79	<u> </u>	⊢	<u> </u>	<u> </u>	├	├-	<u> </u>	<u> </u>	Ш
_	79	⊢	⊢	⊢	┝	<u> </u>	<u> </u>		$\vdash$	
	80	⊢	├-	<del> </del>	-	-	┝	_	├—	-
	81	<u> </u>	┝	$\vdash$	<u> </u>	├	⊢	├-	$\vdash$	H
	82	<del> </del>		├	⊢	├—				H
	83 84	$\vdash$	├-	├—	$\vdash$	$\vdash$	<del> </del>	$\vdash$	├-	H
$\vdash$	85	$\vdash$	$\vdash$	├-	├	$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н
$\vdash$	86	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$
-	87		$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	
	88	-		┢	$\vdash$	-	$\vdash$	-	$\vdash$	Н
	89	$\vdash$		$\vdash$	<del>                                     </del>			-		Н
$\vdash$	90		$\vdash$	$\vdash$	<del> </del>	$\vdash$	$\vdash$	Н	Т	Н
	91				$\vdash$	_			-	П
	92		_		Г	$\vdash$			<u> </u>	П
	93				Г	<u> </u>	Ι			
	94									
	95								Г	
	96									
	97	П		Г						
	98						Г			
	99									
	100				П		П	П	Г	

Cl	aim	Date										
Final	Original											
	101											
	102 103											
	103		L_	<u> </u>			_	<u> </u>	L	Ш		
-	104		_	<u> </u>	-			_		$\vdash$		
	105 106	H	<u> </u>	⊢	⊢	_	├	⊢		Н		
	107	$\vdash$		$\vdash$	$\vdash$		$\vdash$	┢	$\vdash$	Н		
	108	┢			$\vdash$		_	<del>                                     </del>	-	$\vdash$		
	109						$\vdash$	$\vdash$	Г	П		
	110											
	111									Ш		
	112 113			<u> </u>			<u> </u>	<u> </u>	_			
	113	<u> </u>	<u> </u>	<u> </u>	-		<u> </u>	<u> </u>				
	114	H	_	┝	_	_	<u> </u>	├	-	$\vdash$		
	115	├		⊢	-	-	-	├	-	Н		
	116 117	┝		$\vdash$	├		$\vdash$	⊢	$\vdash$	Н		
	118	$\vdash$	_	$\vdash$		-	<del>                                     </del>	-				
	118 119											
	120											
	121 122											
	122			<u> </u>			_	_	<u> </u>	Ш		
	123 124			<u> </u>			<u> </u>	<u> </u>	<u> </u>			
	124			┝	<u> </u>		<del> </del>		-	$\vdash$		
	125			┢	H		┝	$\vdash$	-	-		
	126 127 128	<u> </u>		-	$\vdash$	$\vdash$	$\vdash$			Н		
	128		-									
	129 130											
	130			_								
	131	_		<u> </u>	<u> </u>	ļ	_			Щ		
	132 133			<u> </u>		L	<u> </u>	_				
	133		_		_	H	_	H	_	-		
	135	$\vdash$		<del> </del>	├	-				Н		
	135 136	$\vdash$		┢	$\vdash$	$\vdash$	-	-	-			
	137			Т					_			
	137 138											
	139											
_	140	L			<u> </u>							
	141		_	_	<u> </u>		<u> </u>		<u>.</u>			
	142 143	<del> </del>	-	-	<u> </u>		$\vdash$	H	<u> </u>	$\vdash\dashv$		
	144	-	<u> </u>	⊢	$\vdash$	$\vdash$	$\vdash$	-	<u> </u>	$\vdash$		
	145		-	H		$\vdash$	$\vdash$	Н		$\vdash$		
	146		-	H						$\vdash$		
	147				Г							
	148											
	149											
	150		L		L	L	L			$oxed{oxed}$		